

**FUME HOOD**



# FUME HOOD

Created to provide protection from toxic fumes and hazardous volatile vapours, and are reliable and easy to use. Inbuilt ventilation system lowers the risk of fire and explosion. For metal analysis, pharmacy and research field along with safety measures, this product becomes unique choice for the buyers to purchase according to their needs.

Used in Metal analysis, Pharmacy, Research Field, Commercial, Medical, Laboratory.

Also known as Fume hood, Standard Fume Hood, Laboratory Fume Hood, Chemical Fume Hood.

## FS11 SERIES STANDARD FUME HOOD

- LED Display: Digital LED Display: Airflow Level
- Waterproof Socket
- Universal Wheel
- Water Remote Control
- Water Tap
- Water Tap and Sink



### SPECIFICATIONS

Model	FS111	FS112	FS113	FS114
Airflow Velocity	0.3~0.8 m/s			
Max Opening	750 mm			
Fluorescent light	8 Wx1	12 Wx1	16 Wx1	
Front Window	Manual, 5 mm toughened glass, height adjustable.			
Exhaust Duct	4 meters, PVC duct, $\phi$ 300 mm			
Pipe Strap	2			4
Blower Optional Choice	PP Built-in axial flow blower; Speed adjustable		PP Built-in centrifugal flow blower; Speed adjustable	
Work Surface Height	900 mm			
Inner Dimension	790x635x820 mm	990x635x820 mm	1290x635x820 mm	1590x635x820 mm
Overall Dimension	1000x800x2365 mm	1200x800x2365 mm	1500x800x2465 mm	1800x800x2465 mm
Package Size (Main Body)	1150x950x1750 mm	1350x950x1750 mm	1650x950x1850 mm	1950x950x1850 mm
Package Size (Base Cabinet)	1150x950x1080 mm	1350x950x1080 mm	1650x950x1080 mm	1950x950x1080 mm
Noise Level	$\leq$ 60 dB (A)			
Weight (Net/Gross)	252 kg	282 kg	311 kg	346 kg
Power	400 W		500 W	
Power Supply	AC220 V $\pm$ 10%, 50/60 Hz; 110 V $\pm$ 10%, 60 Hz			

## ACCESSORIES

Accessory Code	Name
FX1002	Inner blower
FX1003	Florescent Lamp
FX1004	UV lamp
FX1005	Control panel

Accessory Code	Name
FX1006	Water tap
FX1007	Gas tap
FX1008	Glass door

## FS12 SERIES STANDARD FUME HOOD



### FEATURES

	FS121	FS122	FS123	FS124
Interior body includes melamine board with acid and alkali resistance function	•	•	•	
LCD display	•	•	•	
Exterior body is of cold-roll steel with anti-bacterial powder	•	•	•	
Working chamber is made of solid chemical-resistant material	•	•	•	
UV lamp to sterilize the operating space	•			
Adjustable air velocity with electrical controlled glass	•	•	•	
Adjustable blower speed of a centrifugal fan	•	•	•	
UV lamp to sterilize the working area		•	•	
LED Display: Digital LED Display: Airflow Level				•
Water & Gas Top Water Sink				•
Foot Switch: Use foot switch to adjust the height of front window				•
Observation Window: Transparent side glass windows maximize light and visibility inside the cabinet				•
Back Side Air Compensation: To avoid turbulence in work area				•

### SPECIFICATIONS

Model	FS121	FS122	FS123	FS124
Airflow Velocity	0.3~0.8 m/s			
Air Tightness	No leakage			-
Equiblast Air Volume	Air Velocity average value $\geq 0.5$ m/s, Air volume $\geq 470$ m <sup>3</sup> /h	Air Velocity average value $\geq 0.5$ m/s, Air volume $\geq 550$ m <sup>3</sup> /h	Air Velocity average value $\geq 0.5$ m/s, Air volume $\geq 700$ m <sup>3</sup> /h	-
Max Opening	520 mm			
Length	1000 mm	1200 mm	1500 mm	-
Half Peak Value of Shaking	$\leq 5$ $\mu$ m			-

UV Lamp	Emission of 253.7 nanometers for most efficient decontamination			
Illumination	$\geq 400$ lux			-
Fluorescent light	18 W×1		36 W×1	
Protection Class	Class I			-
Front Window	Motorized			Motorized; 5 mm toughened glass, anti-UV
Exhaust Duct	4 meters, PVC duct			-
Pipe Strap	1			-
Blower Optional Choice	Built-in centrifugal blowers; Speed adjustable with 9 level	Built-in centrifugal blower; Speed adjustable		Built-in centrifugal blower; Speed adjustable with 9 levels
Standard Accessory	Water & Gas tap, Water sink, Base stand, 4-meter Exhaust Duct ( $\phi$ 300 mm), Active Carbon Filter, Foot Switch			-
Work Surface Height	750 mm			
Inner Dimension	880x730x745 mm	1082x740x735 mm	1380x750x745 mm	1680x730x745 mm
Overall Dimension	1000x840x2150 mm	1200x800x2200 mm	1500x800x2200 mm	1800x840x2150 mm
Packing Size	1230x1120x1680 mm	1350x1120x1680 mm	1650x1120x1680 mm	-
Noise Level	$\leq 60$ dB (A)			$\leq 60$ dB
Weight (Net/Gross)	230 kg	253 kg	280 kg	346 kg
Power	400 W		500 W	
Power Supply	220 V/ 50 Hz; 220 V/ 60 Hz; 110 V/60 Hz			AC220 V $\pm$ 10%, 50/60 Hz; 100 V $\pm$ 10%, 60 Hz
Package(WxDxH)	-	-	-	1950x1120x1680 mm

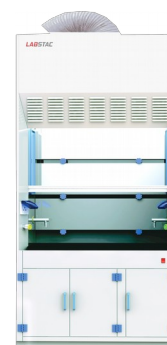
## ACCESSORIES

Accessory Code	Name
FX1001	Tubular motor
FX1002	Inner blower
FX1003	Florescent Lamp
FX1004	UV lamp

Accessory Code	Name
FX1005	Control panel
FX1006	Water tap
FX1007	Gas tap
FX1008	Glass door

## FS13 SERIES STANDARD FUME HOOD

- LCD Display
- PP Sink: resistant to strong acid, alkali and anti-corrosion
- Waterproof Socket
- Water & Gas Remote Control



## SPECIFICATIONS

Model	FS131	FS132	FS133	FS134
Airflow Velocity	0.4~0.6 m/s			
Max Opening	815 mm			
Fluorescent light	12 Wx1	30 Wx2		
Front Window	Manual, 5 mm toughened glass, height adjustable.			
Blower Optional Choice	Built-in axial flow blower; Speed adjustable; resistant to strong acid, alkali.			
Work Surface Height	700 mm			
Inner Dimension	820x520x872 mm	1020x570x872 mm	1320x570x872 mm	1620x570x872 mm
Overall Dimension	1040x750x2200 mm	1240x800x2200 mm	1540x800x2200 mm	1840x800x2200 mm
Package Size (Main Body)	1110x900x1870 mm	1310x885x1575 mm	1610x885x1575 mm	1910x885x1575 mm
Package Size (Base Cabinet)	1110x790x950 mm	1310x840x950 mm	1610x840x950 mm	1910x840x950 mm
Noise Level	≤60 dB			
Weight (Net/Gross)	160 kg	198 kg	225 kg	259 kg
Power	330 W	360 W		
Power Supply	AC220 V±10%, 50/60 Hz; 110 V±10%, 60 Hz			

## ACCESSORIES

Accessory Code	Name
FX1002	Inner blower
FX1003	Florescent Lamp
FX1004	UV lamp
FX1005	Control panel

Accessory Code	Name
FX1006	Water tap
FX1007	Gas tap
FX1008	Glass door

## FS14 SERIES STANDARD FUME HOOD

- LED Display: Digital LED Display: Airflow Level
- Waterproof Socket
- Universal Wheel
- Water Remote Control
- Water Tap
- Water tap and Water Sink



## SPECIFICATIONS

Model	FS141	FS142	FS143	FS144
Airflow Velocity	0.3~0.8 m/s			
Max Opening	500 mm			
Fluorescent light	14 Wx1	21 Wx1	28 Wx1	36 Wx1
Front Window	5 mm toughened glass; Motorized; Height Adjustable			
Blower Optional Choice	Built-in centrifugal blower; Speed adjustable			

Work Surface Height	850 mm			
Inner Dimension	820x670x730 mm	1020x670x730 mm	1320x670x730 mm	1620x670x730 mm
Overall Dimension	1040x800x2200 mm	1240x800x2200 mm	1540x800x2200 mm	1840x800x2200 mm
Package Size (Main Body)	1190x990x1690 mm	1390x990x1690 mm	1690x990x1690 mm	1990x990x1690 mm
Package Size (Base Cabinet)	1290x990x980 mm	1390x990x980 mm	1690x970x970 mm	1990x990x980 mm
Noise Level	≤60 dB			
Weight (Net/Gross)	230 kg	270 kg	370 kg	420 kg
Power	400 W		500 W	
Power Supply	AC220 V±10%, 50/60 Hz; 110 V±10%, 60 Hz			

## ACCESSORIES

Accessory Code	Name
FX1001	Tubular motor
FX1002	Inner blower
FX1003	Florescent Lamp
FX1004	UV lamp

Accessory Code	Name
FX1005	Control panel
FX1006	Water tap
FX1007	Gas tap
FX1008	Glass door

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